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AN: PAT 2002-120186
TI: Device for sensing pressure of **tire**
PN: KR2001082411-A
PD: 30.08.2001

AB: NOVELTY - A **tire** pressure sensing device is provided to detect a state of a **tire** pressure by using a **pressure sensor**.
DETAILED DESCRIPTION - A **tire** pressure sensing device comprises a pressure sensing sensor detecting a pneumatic pressure of a **tire**(100); a transmit unit wirelessly transmitting a sensed signal; a reception unit receiving the transmitted signal; a control unit changing the received signal into an electric signal; an alarm signal generating unit; a lightening unit turned on according to an alarm signal; a power supply unit; a coil unit forming magnetic field; an **elastic** plate switch(51); and a case(120) attached to inner circumference of a wheel. The **elastic** plate switch is elastically restored while the pneumatic pressure of the **tire** is under an established pressure. Then, the **elastic** plate switch is contacted with terminals(52a, 52b) to apply power from a battery. Thereby, frequency is generated and transmitted to the reception unit. The sensed signal is converted into the electric signal to generate the alarm signal for turning on the lightening unit.;

PA: (THIN-) TH INTERACTIVE INC;
IN: JUN S B;
FA: KR2001082411-A 30.08.2001;
CO: KR;
IC: B60C-023/02;
DC: Q11;
FN: 2002120186.gif
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